

Abstract of the Disclosure

A cell population prepared from blood mononuclear cells, the mononuclear cells being peripheral blood mononuclear cells (PBMC) or CD 14+ monocytes, the population containing from about 10 % to about 50 % of activated mononuclear antigen presenting cells (APCs) having the following characteristics: • they express surface markers CD2, CD83 and CD14, MHC class I and MHC class II molecules • they secrete TNF- $\alpha$  • they are able to stimulate allogenic T lymphocytes, as shown by MLR measurements • they are able to stimulate autologous T lymphocytes proliferation in an antigen specific way.